

**Summary of Effective Buffer Widths from Literature Review**  
**contained in *Riparian Buffer Zones: Functions and Recommended Widths*.**  
**Hawes, E. and M. Smith. Yale School of Forestry and Environmental Studies, 2005.**

<b>Effective Width of Buffer (in Feet)</b>								
<b>Author</b>	<b>Aquatic Wildlife</b>	<b>Terrestrial Wildlife</b>	<b>Stream Temperature</b>	<b>Litter/Debris input</b>	<b>Nutrient Retention</b>	<b>Sediment Control</b>	<b>Bank Stabilization</b>	<b>Pesticide Retention</b>
Wenger, S. 1999. <i>A Review of the Scientific Literature of Riparian Buffer Width, Extent and Vegetation</i> . Institute of Ecology, University of Georgia. Athens, GA.		220 - 574 ft.	33 - 98 ft.	50 ft.	50 - 100 ft.	82 - 328 ft.	-	> 49 ft.
U.S. Army Corps of Engineers. 1991. <i>Buffer Strips for Riparian Zone Management</i> . Waltham, MA.	98 ft.	30 - 656 ft.	33 - 66 ft.	66 - 102 ft.	52 - 164 ft.	33 - 148 ft.	49 - 98 ft.	49 - 328 ft.
Fisher, R.A. and Fischenich, J.C. 2000. <i>Design Recommendations for Riparian Corridors and Vegetated Buffer Strips</i> . U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS.	> 98 ft.	98 - 1,640 ft.	-	10 - 33 ft.	16.4 - 98 ft.	30 - 200 ft.	30 - 66 ft.	-
Broadmeadow, S. and Nisbet, T.R. 2004. <i>The Effects of Riparian Forest Management on the Freshwater Environment: A Literature Review of Best Management Practice</i> . Hydrology and Earth System Sciences, 8(3), 286-305.	33 - 164 ft.	-	49 - 230 ft.	82 - 328 ft.	16.4 - 98 ft.	49 - 213 ft.	-	-

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